

Figures

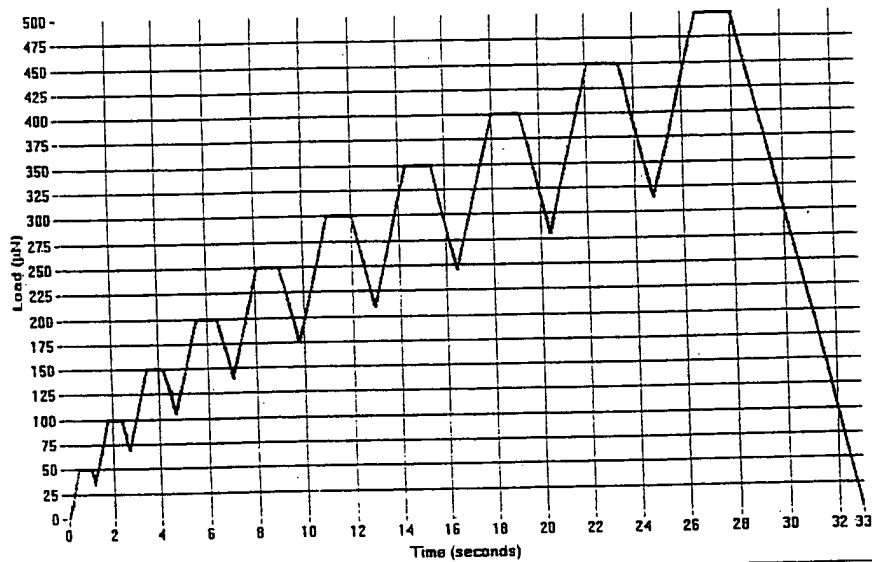
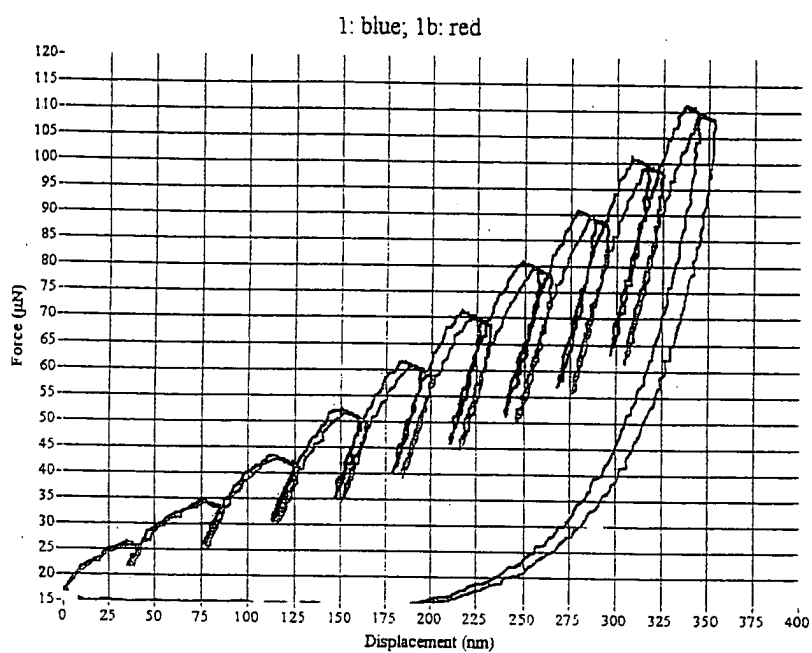


Figure 1. Typical Load-Function used for the indentation Experiments

PRIOR ART

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Figure 2



PRIOR ART

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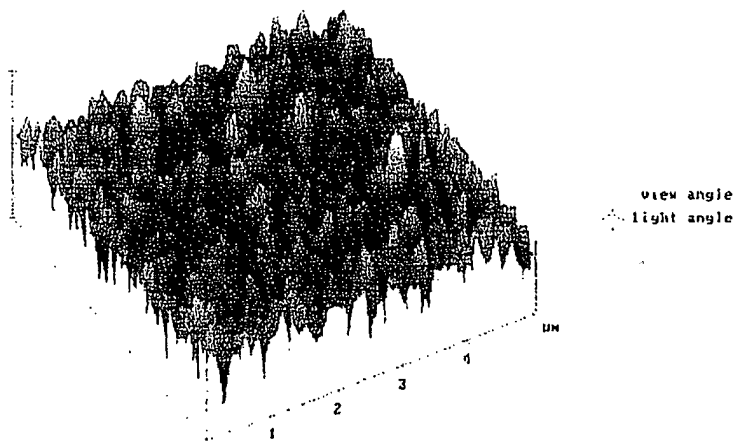
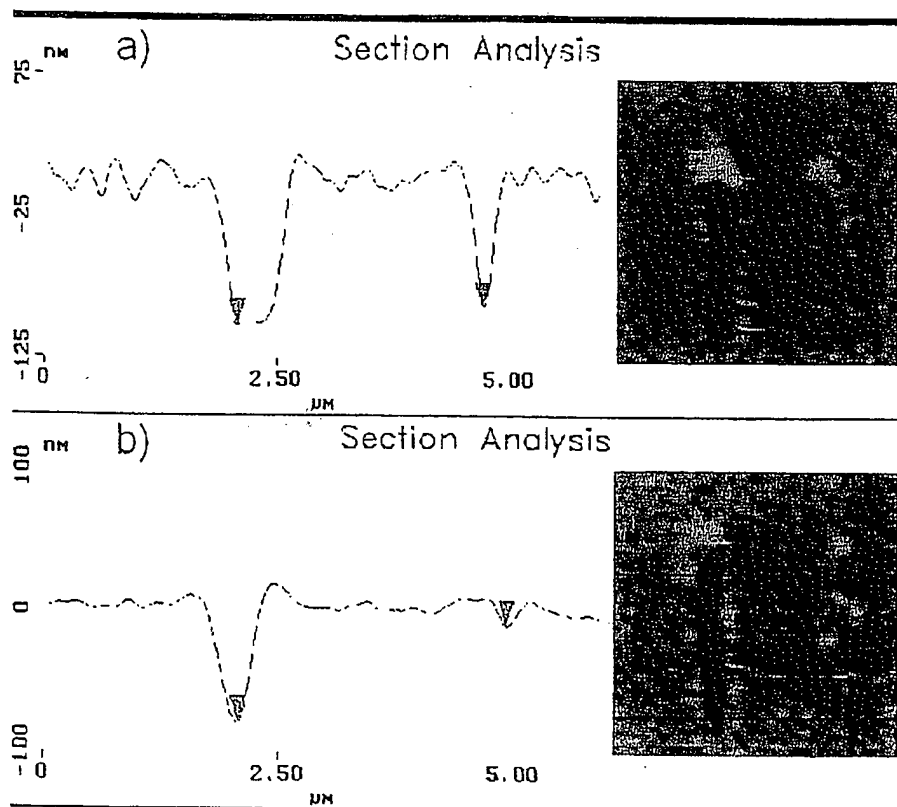


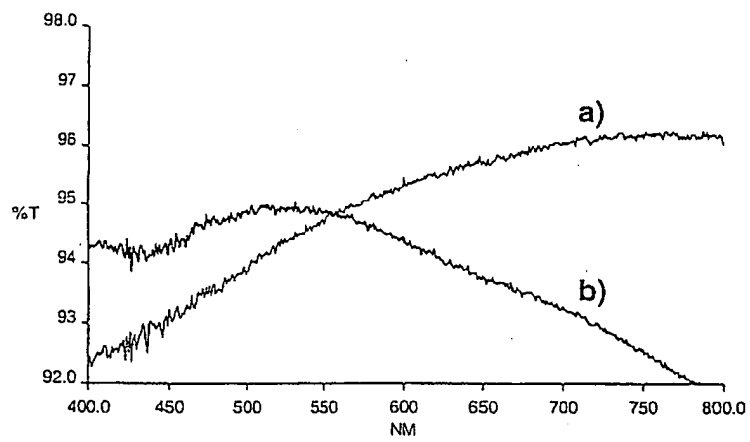
Figure 3

Figure 4



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Figure 5



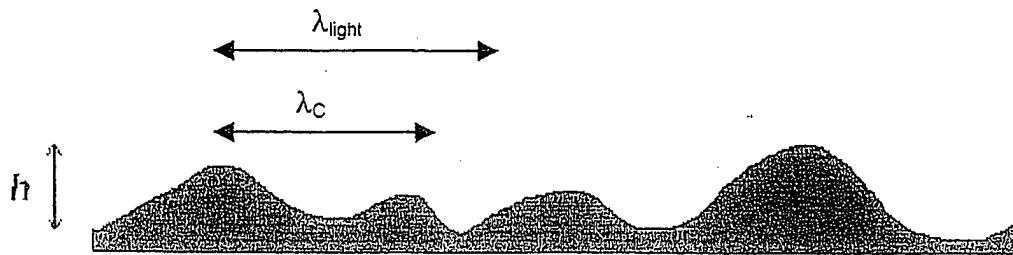


Figure 6

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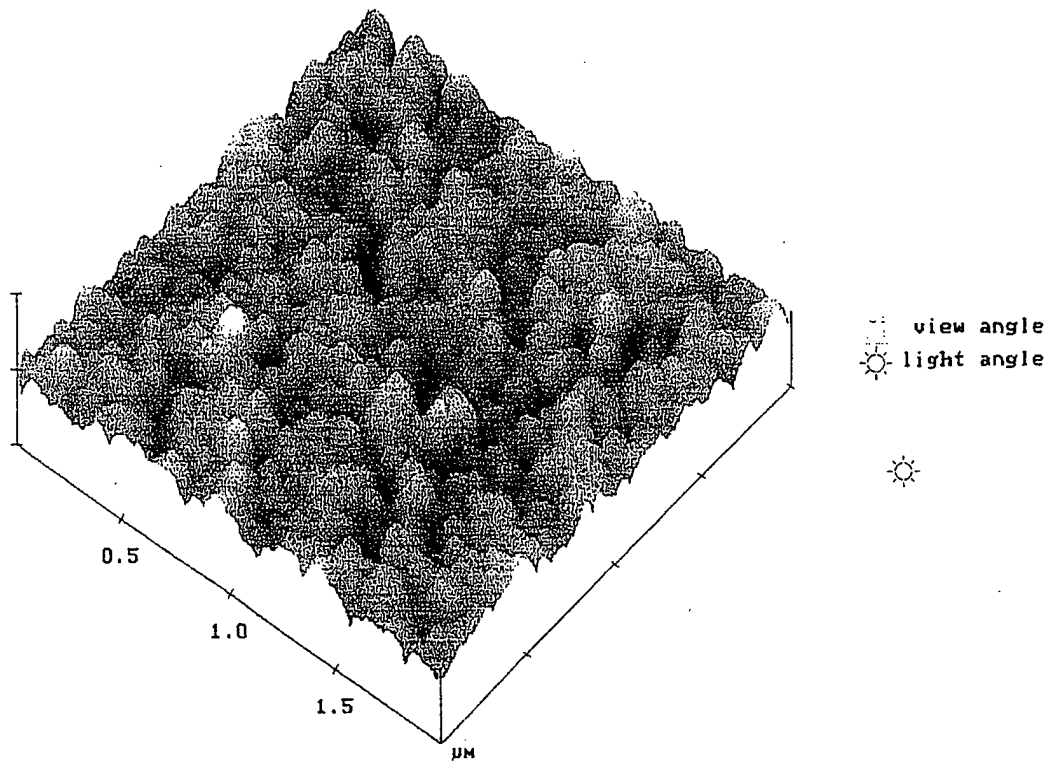


Figure 7

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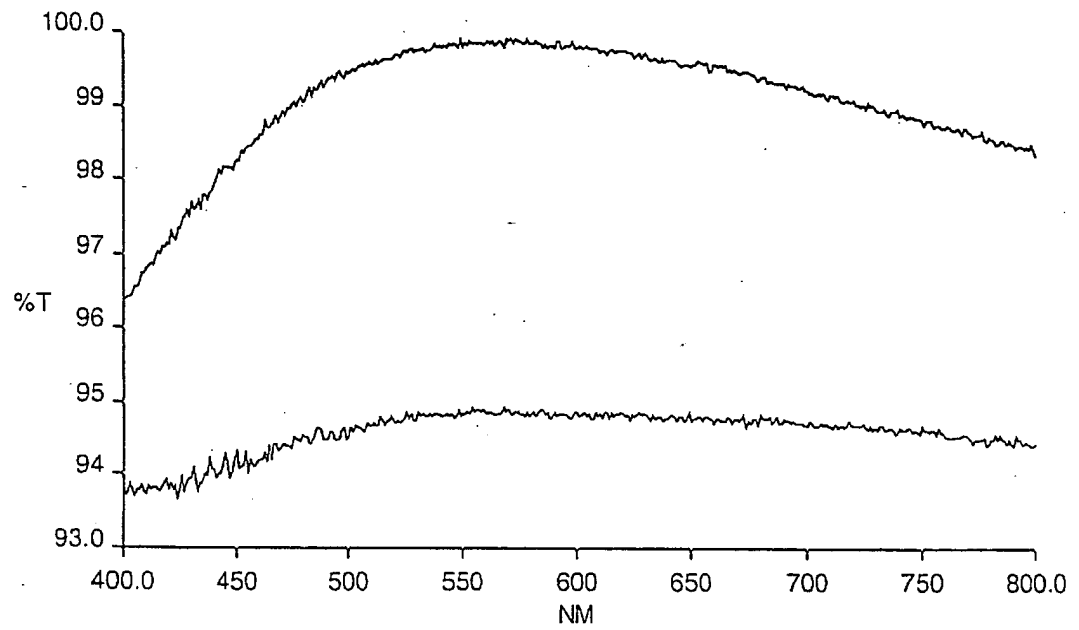
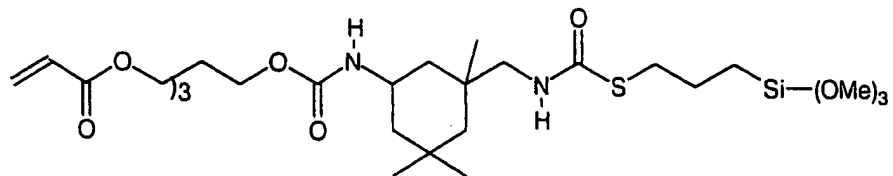


Figure 8A

Formula 2: Int-12A



Formula 3: Liquid crystalline diacrylate

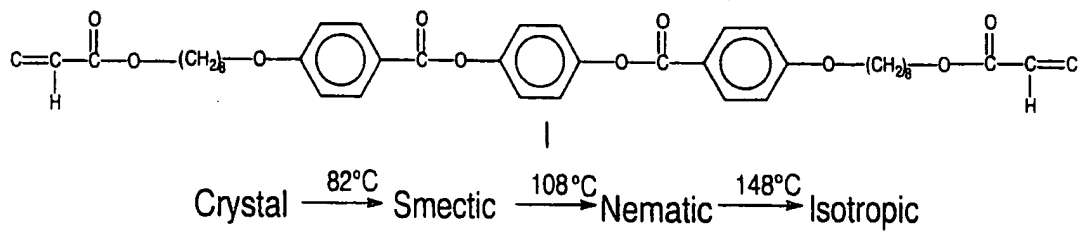


Figure 8B